

# Weekly Disease Surveillance Report

## 2021 Reporting Week 46: November 14 — November 20



This weekly report is produced by the DOH-Okaloosa Epidemiology Section to provide situational awareness to community partners. Data is subject to change as additional information is gathered.

### Influenza (Flu) and COVID-19 Updates

Influenza-like illness (ILI) activity in Okaloosa increased slightly this week to 3.83% and continues to be higher than our usual average at this time. Providers are encouraged to review CDC's [Seasonal Influenza Vaccination Resources for Health Professionals](#) for counseling on co-administration of COVID-19 and flu vaccines, patient education, and the 2021-22 flu vaccine composition.

Okaloosa COVID-19 positivity rate and number of COVID-19 cases decreased during Week 46. The community risk level remains at MODERATE. COVID-19 vaccinations continue to show positive trends with fully-vaccinated Okaloosans currently at 63.6% (113,663 individuals). Providers are encouraged to continue to promote the COVID-19 vaccine as it is highly effective at preventing severe disease and death.

### COVID-19 Booster Shots and Monoclonal Antibody Resources

On October 21, 2021, the [CDC Expanded Eligibility for COVID-19 Booster Shots](#). The CDC recommends that certain people are now eligible to receive a COVID-19 **booster** shot, including those who received Moderna and J&J/Janssen COVID-19 vaccines.

Additionally, CDC continues to recommend that [moderately and severely immunosuppressed people](#) who completed either the Moderna or Pfizer vaccine series get a **third dose** of the same mRNA vaccine at least 28 days after the second dose as they may not build the same level of immunity to 2-dose vaccine series compared to people who are not immunocompromised.

FREE [Monoclonal Antibody Treatments](#) are available in Okaloosa for use in adult and pediatric patients (12 and older) who have either been diagnosed or exposed to someone with COVID-19 and are at high risk for progression to severe illness, hospitalization, or death from COVID-19. Please follow the link for all locations.

### Contact Us:

**Florida Department of Health  
in Okaloosa County**

**Epidemiology Section**

**24/7 Disease Reporting:  
850-833-9065**

**Confidential Fax:  
850-833-7577**

**[okaloosaepi@flhealth.gov](mailto:okaloosaepi@flhealth.gov)**

## COVID-19 Snapshot

Week 46 Review		Difference from Wk45
Resident Case Count	87	-7
Resident Case Count per 100K Population	42.2	-3.3
Average Resident Cases per Day	12.4	-1
Percent Positivity	3.9%	-0.4%

Data Source: Merlin Database

The Florida Department of Health (FDOH) provides the Centers for Disease Control and Prevention (CDC) with county COVID-19 data, including deaths.

Please visit the [COVID-19 Community Profile Report](#) webpage to obtain death data by downloading the most recent excel file and locating Okaloosa on the 'Counties' tab.

For questions related to COVID-19 death data, please contact the FDOH Office of Communications at 850-245-4111 or [NewsMedia@flhealth.gov](mailto:NewsMedia@flhealth.gov).

Week 46 Community Risk Level		
COVID-19 Community Risk Level	New Cases per 100K Population per Week	% Positivity per Week
<b>MODERATE</b>	<b>42.2</b>	<b>3.9%</b>
<b>PREVIOUS WEEK RISK LEVEL: MODERATE</b>		
Low	<10	<5%
Moderate	10-49	5-7.9%
Substantial	50-99	8-9.9%
High	>100	>10%

Community risk level is the color of the higher risk level for the two indicators.

Data Source : CDC [Community Indicators at the County Level](#)



COVID-19 Fully  
Vaccinated =  
No Quarantine

# COVID-19 in Okaloosa County

Week 46: November 14 - November 20

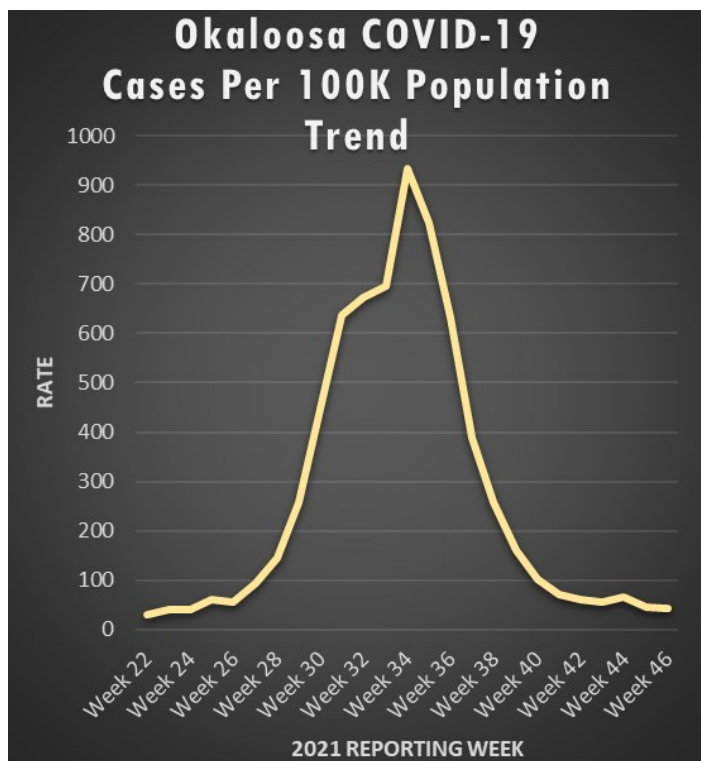


Figure 1: Trend of total COVID-19 cases by week. Data source: Merlin Database

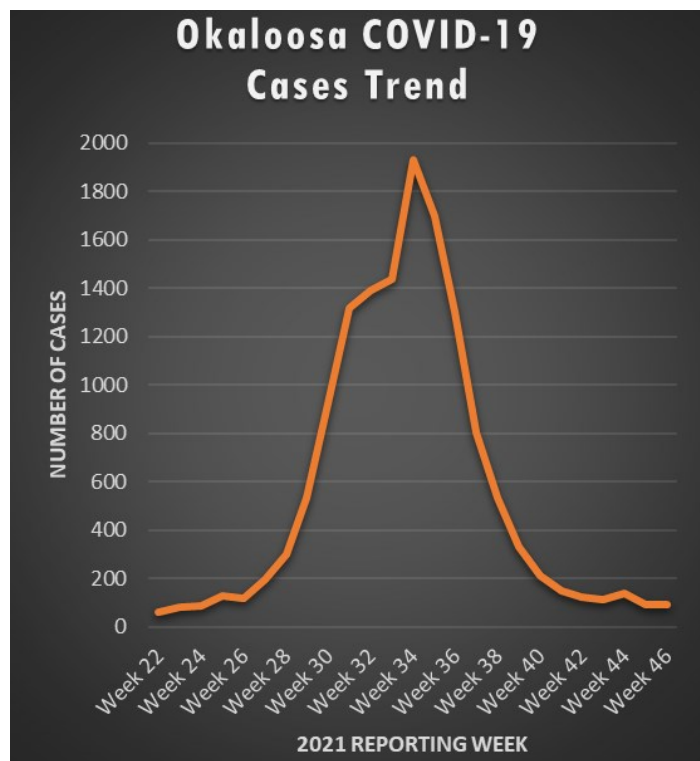


Figure 2: Trend of COVID-19 case rates by week. Data source: Merlin Database

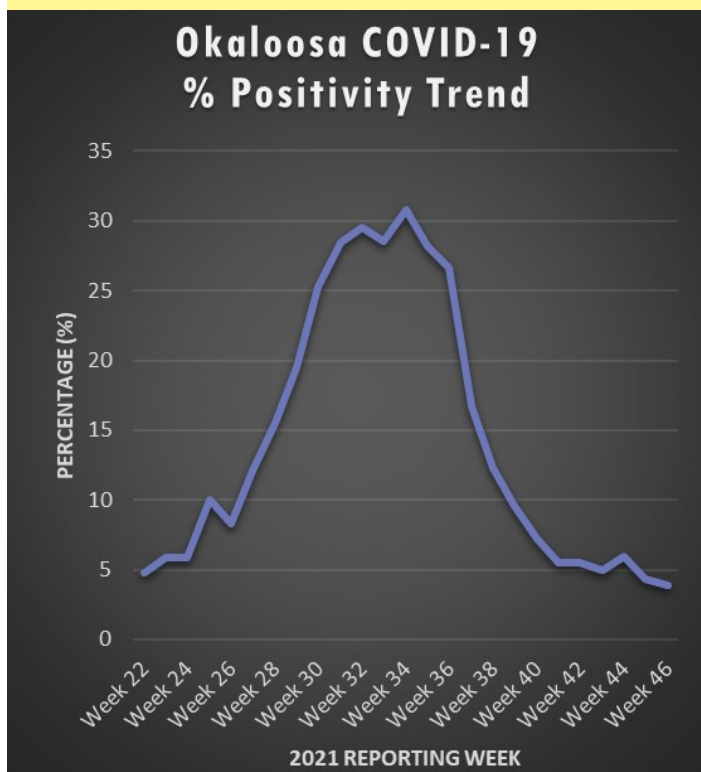


Figure 3: Trend of 7-day moving percent positivity of COVID-19 cases by week. Data source: Merlin Database

## COVID-19 Cases by Age Group

Age Group	Okaloosa Resident Cases since 03/01/21 through Week 46	% by Age Group	Difference from Week 45
0-11	2057	12.9%	+5
12-14	712	4.5%	+4
15-24	2460	15.4%	+12
25-44	5458	34.2%	+35
45-64	3677	23.0%	+21
65-74	981	6.1%	+4
75-84	413	2.6%	+6
85+	213	1.3%	0
Unknown	6	0.0%	0
<b>Total</b>	<b>15977</b>	<b>100%</b>	<b>+87</b>

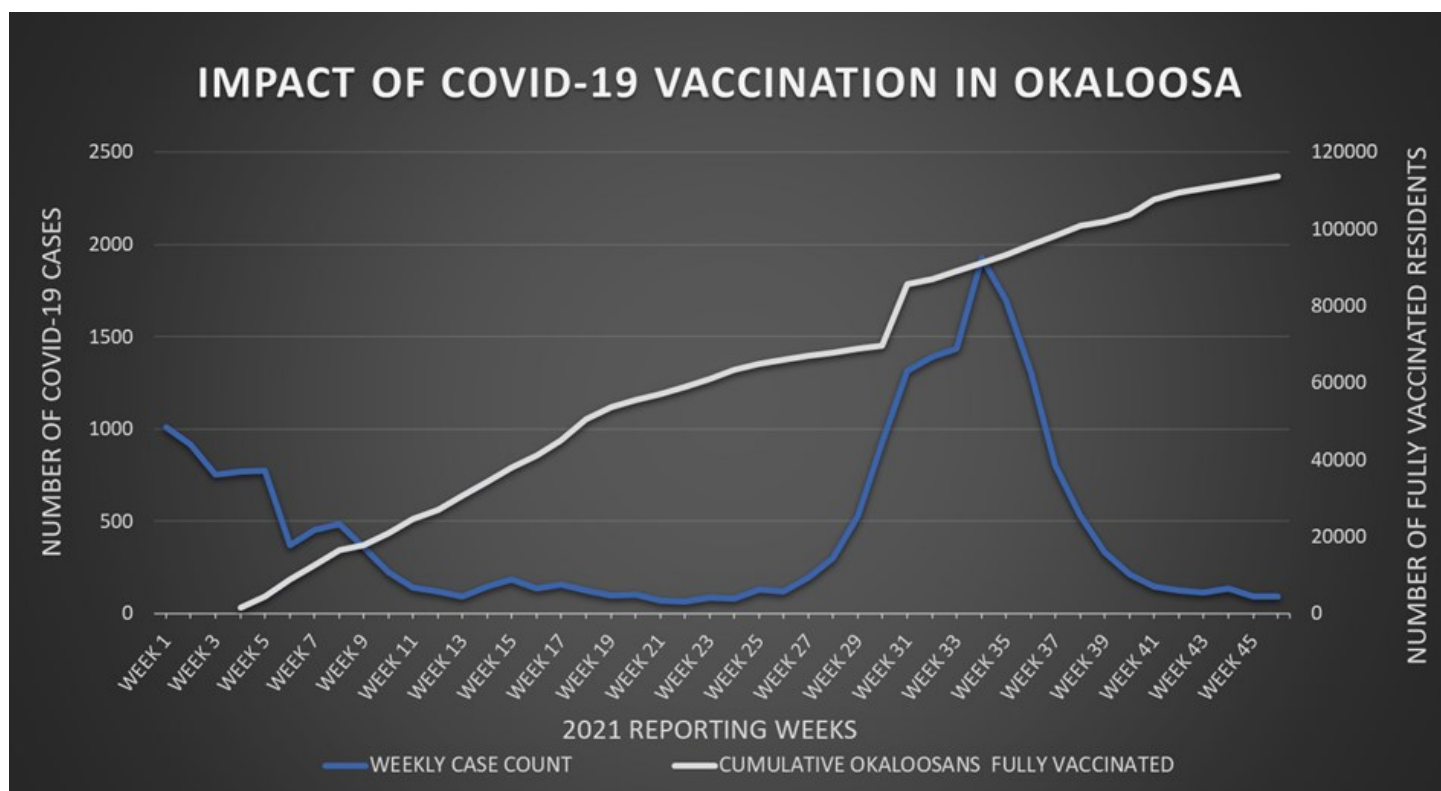
Data Source: Merlin Database



COVID-19 Fully  
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# COVID-19 in Okaloosa County

Week 46: November 14- November 20



**Figure 4:** Cumulative number of fully vaccinated Okaloosa residents as compared to COVID-19 cases per week. Data reported through previous Sunday.  
Data Source: Merlin & CDC [COVID Data Tracker](#)

## VACCINATION DATA RESOURCE

The CDC COVID Data Tracker presents county level vaccination data that includes vaccinations from:

- FL SHOTS, including FL Department of Health, retail pharmacies, and long-term care facilities,
- Dialysis centers participating in the Federal Dialysis Center Program,
- Health Resources and Services Administration partner sites, and
- Federal entities such as Department of Defense, Veterans Health Administration, Indian Health Service and Bureau of Prisons.

Percentage of  
Breakthrough  
Infection in  
Fully-Vaccinated  
Individuals:

1.35%

Data Source: Merlin & CDC [COVID Data Tracker](#)

## COVID-19 VACCINATIONS

Fully-Vaccinated Groups	OKALOOSA	US
% of Population $\geq$ 12 Years of Age	63.6%	69.2%
% of Population $\geq$ 18 Years of Age	66.3%	70.9%
% of Population $\geq$ 65 Years of Age	90.0%	86.3%

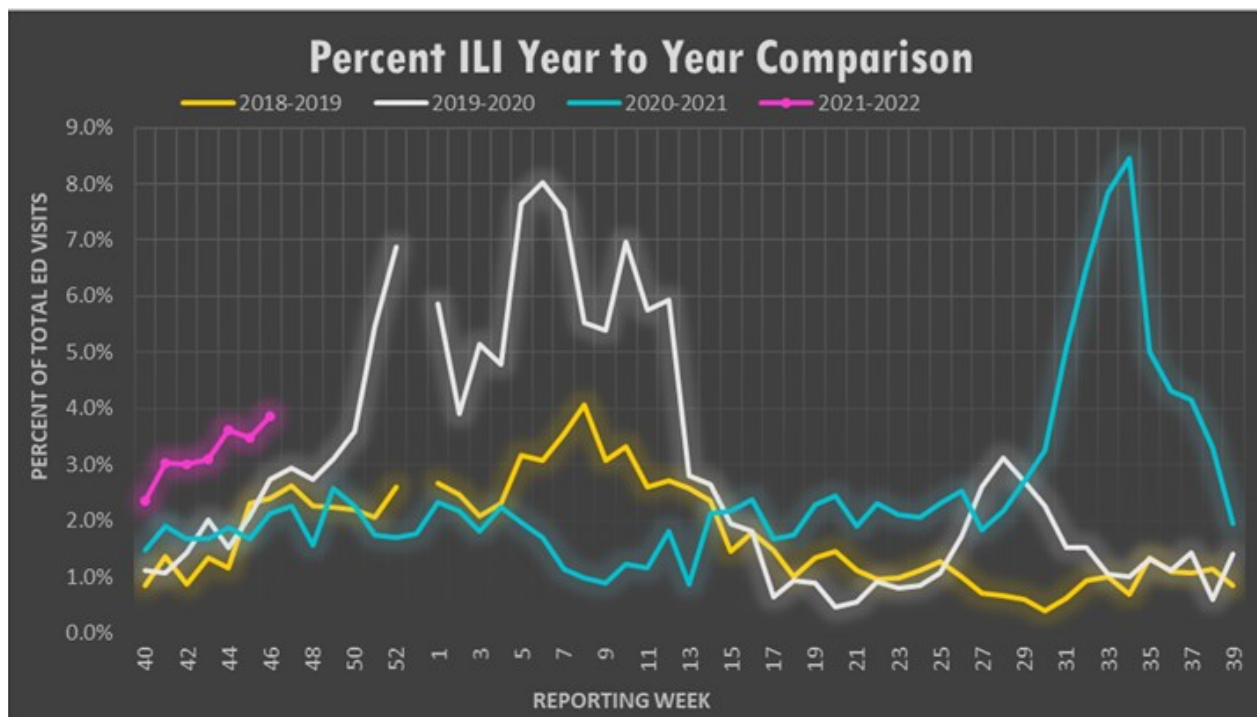
Data reported through previous Sunday. Data Source: CDC [COVID Data Tracker](#)



# Influenza-Like Illness

Week 46: November 14- November 20

Influenza-like Illness (ILI) is defined as fever greater than or equal to 100°F AND cough and/or sore throat in the absence of another known cause.



**Figure 5:**

Annual comparison of the percent of all hospital ED visits due to ILI for Okaloosa County for the 2017-18, 2018-19, 2019-20, and 2020-21 influenza seasons by week.

Data source:

ESSENCE

**ANALYSIS:** During Week 46, flu reporting partners and ESSENCE (a syndromic surveillance system) reported an increase in ILI activity for Okaloosa County. The percentage of ILI ED visits in Okaloosa County increased from 3.47% during Week 45 to 3.86% during Week 46. Flu partners reported no positive rapid influenza tests this week. Over the past three weeks, 17 out of 147 influenza specimens submitted to the state lab were positive (10 Influenza A unspecified, 7 Influenza B unspecified). There were no ILI admissions, outbreaks, or deaths reported this week. The percentage of total ILI ED visits for Week 46 is higher than that of Week 46 last year.

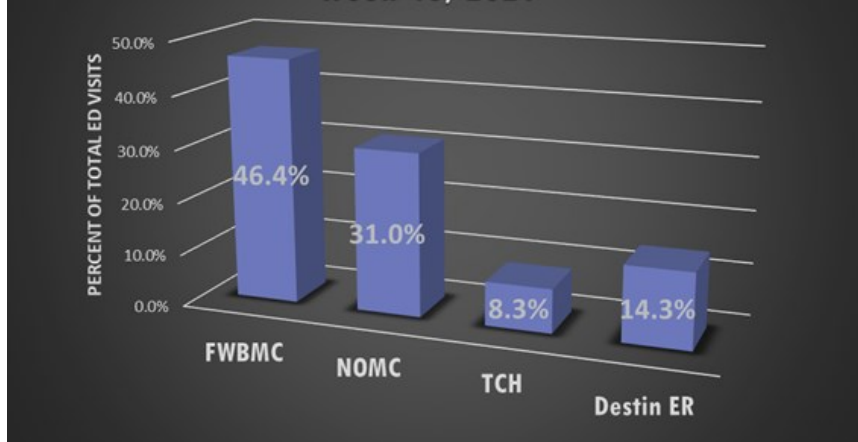
*Note:* Other respiratory syndromes can be represented by increased ILI case numbers. Data Source: ESSENCE

## % ILI by Age Group Week 46, 2021

Age Range	ILI Visits	Total ED Visits	% Total ILI Visits
0-4	31	210	14.76%
5-19	24	294	8.16%
20-34	12	474	2.53%
35-54	11	484	2.27%
55-74	5	479	1.04%
75+	1	235	0.43%

Data Source: ESSENCE

## % of Total ILI Visits by Facility Week 46, 2021



**Figure 6:** Hospital ED visits meeting ILI criteria stratified by facility. Percentages calculated based on total number of ILI ED visits. (n=84). Data source: ESSENCE

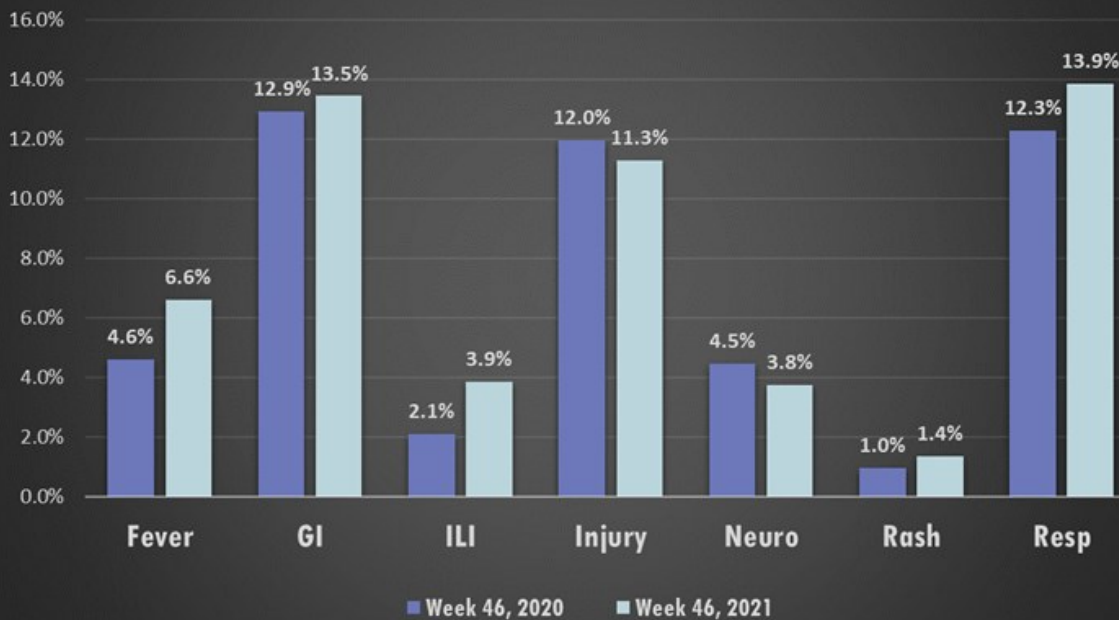




# Syndromic Surveillance

Week 46: November 14- November 20

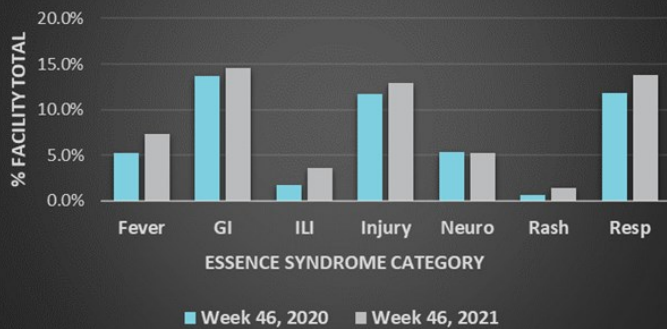
## Total ED Visits by Syndrome



**Figure 7:** Hospital Emergency Department (ED) visits from 2021 Week 46 by select syndrome category. Percentages calculated based on total number of ED visits (n=2178). Some syndrome categories are not represented; therefore, represented percentages will not total 100%.

Data source: ESSENCE

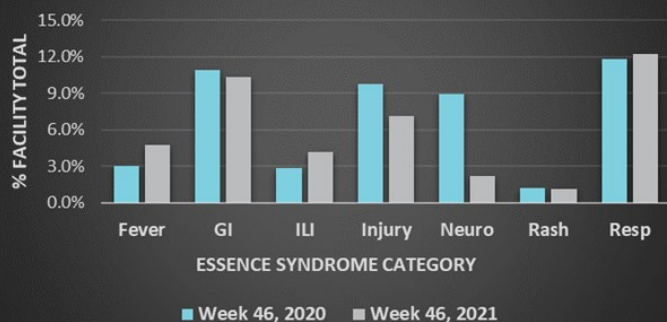
## Fort Walton Beach Medical Center ED Presentations



## Week 46—Fort Walton Beach Medical Center

Age Range	Top Syndrome	Total ED Visits for Syndrome
0-4	FEVER	43
5-19	RESP	31
20-34	GI	42
35-54	GI	36
55-74	RESP	31
75+	INJURY	23

## North Okaloosa Medical Center ED Presentations



## Week 46—North Okaloosa Medical Center

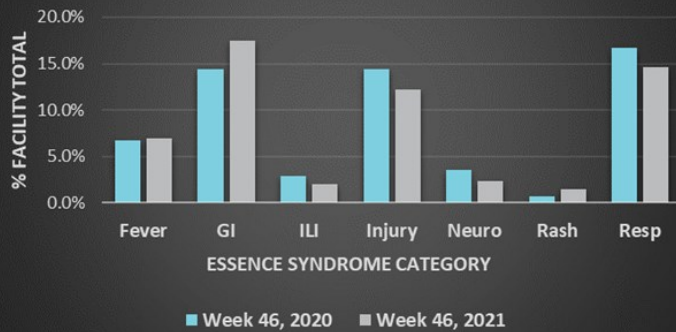
Age Range	Top Syndrome	Total ED Visits for Syndrome
0-4	RESP	14
5-19	GI	13
20-34	GI, RESP	16, 16
35-54	RESP	12
55-74	RESP	16
75+	INJURY	12



# Syndromic Surveillance

Week 46: November 14- November 20

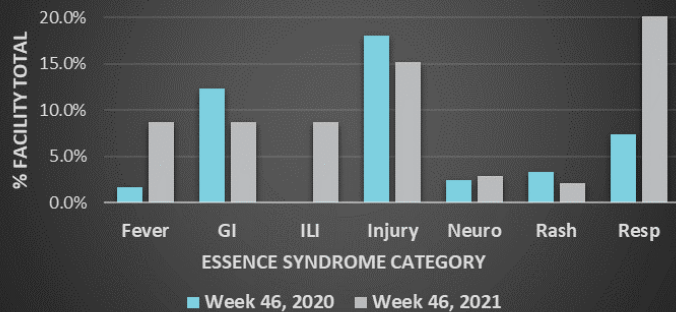
## Twin Cities Hospital ED Presentations



## Week 46—Twin Cities Hospital

Age Range	Top Syndrome	Total ED Visits for Syndrome
0-4	FEVER	8
5-19	RESP	12
20-34	GI, INJURY	9, 9
35-54	GI	18
55-74	GI	14
75+	GI	7

## DestinER ED Presentations



## Week 46—Destin ER

Age Range	Top Syndrome	Total ED Visits for Syndrome
0-4	RESP	3
5-19	RESP	12
20-34	GI, INJURY	3, 3
35-54	INJURY	6
55-74	RESP	7
75+	INJURY	3

## Week 46—Okaloosa County

Age Group	Top Syndrome
0-4	FEVER
5-19	RESP
20-34	GI
35-54	GI
55-74	RESP
75+	INJURY

Data Source: ESSENCE

